

What is claimed is:

- Sub A
1. In a WEB browsing system, a method for minimizing data to be transmitted to a client device from a Web server, comprising steps of:
 - 5 (a) creating a listing of parameters derived from one or more of characteristics of the client device, characteristics of a WEB page, and preferences of a customer using the client device;
 - (b) storing the parameters as a template at the Web server;
 - (c) accessing a WEB page requested by the customer;
 - 10 (d) translating the WEB data according to the template; and
 - (e) transmitting the translated data to the client device.
 2. The method of claim 1 wherein the parameters include details of a display used by the client device.
 - 15 3. A software template for use in translating WEB data to a reduced-data form to be transmitted to a client device from a WEB server, comprising:
 - one or more parameters derived from characteristics of the client device; and
 - 20 control routines adapted for applying the parameters in translating data from a WEB page for transmission to the client device.
 4. The template of claim 3 further comprising one or both of parameters derived from characteristics of a WEB page and customer preferences.
 - 25 5. The template of claim 3 wherein one of the parameters is derived from characteristics of a display used by the client device.
 6. In a WEB browsing system using templates listing parameters derived from one or more of characteristics of a client device, characteristics of a WEB page, and customer preferences in reducing data content of files to be transmitted to the client device, a template editor comprising:
 - 30 a client interface for displaying characteristics of the template; and
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~~tools for altering the characteristics~~

7. The template editor of claim 6 wherein the editor executes on the client device.

8. The template editor of claim 6 wherein the editor executes on a WEB server as a part of a WEB page, and is adapted for manipulation by a client accessing the WEB page.

9. In a WEB browsing system, a Mark-Script for use by a WEB server hosting a customer operating a client device, the Mark-Script comprising:
a list of Web pages to be accessed on behalf of the client; and
control routines adapted for accessing the WEB pages one-after-another and storing the contents at the WEB server for transmission on demand to the client device.

10. The Mark-Script of claim 9 adapted for executing a refresh process on signal from the client device, wherein the refresh process comprises refreshing a current WEB page being perused by the client device and also refreshing all pre-fetched and stored WEB pages according to the list of WEB pages.

11. A method for WEB browsing by a client device, comprising steps of:

(a) preparing a Mark-Script comprising a list of Web pages to be accessed on behalf of the client device, and control routines adapted for accessing the WEB pages one-after-another and storing the contents at the WEB server for transmission on demand to the client device;

(b) accessing the WEB server by the client device and initiating execution of the Mark-Script; and

(c) interacting with WEB pages transmitted by the WEB server to the client device according to the list.

12. The method of claim 11 further comprising a step for refreshing WEB pages retrieved and stored for a client on signal from the client.

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(c) transmitting the stored pages to the client device on demand.

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17. The method of claim 16 wherein the request is for one of a security or identification input.

a host computer connected to one or more peripheral devices and to the Internet and

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19. The system of claim 18 wherein the WEB server follows a script furnished by the host computer for pre-fetching WEB pages and storing them

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